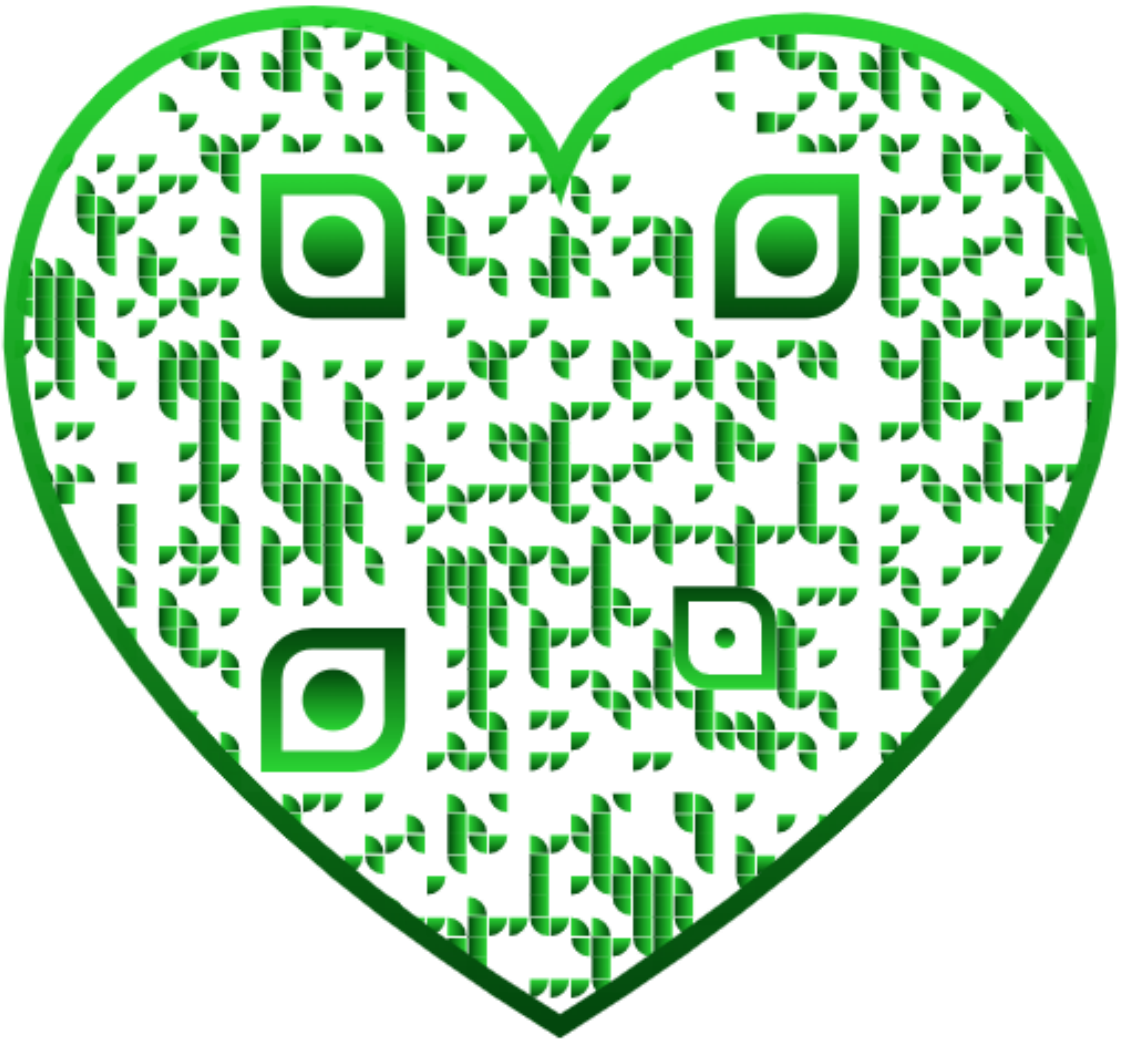
PRINCIPLES OF DIAGNOSIS

- History Taking
- Clinical Examination



Structure of skin

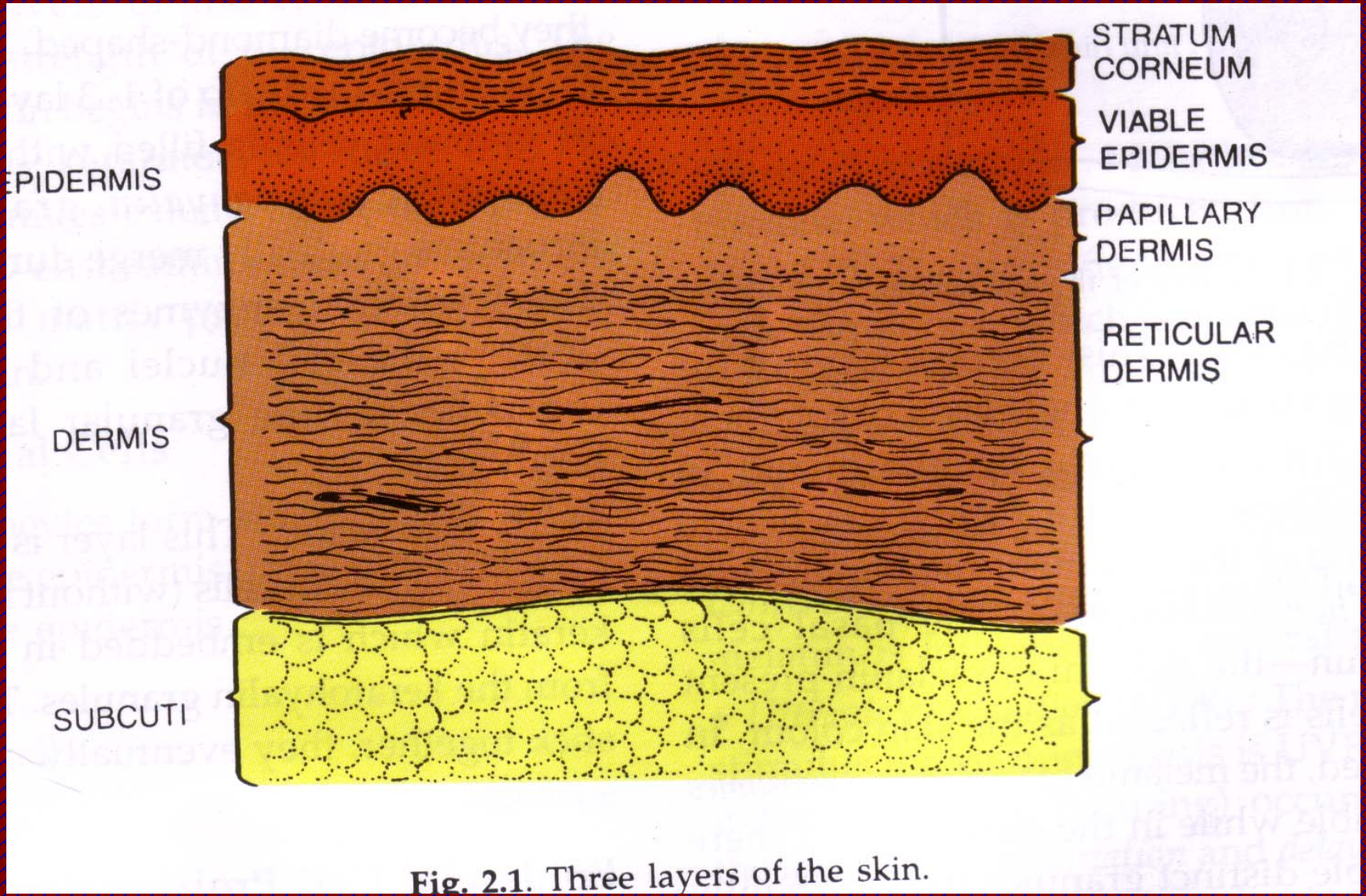


Fig. 2.1. Three layers of the skin.

Chief Complaints
Itching /Pruritus

Generalised

Scabies, Pediculosis

Eczema, urticaria

Internal disease

Pruritus

Itching without skin lesions

Pigmentary changes

Hyperpigmentation

Melasma

Pigmentary changes

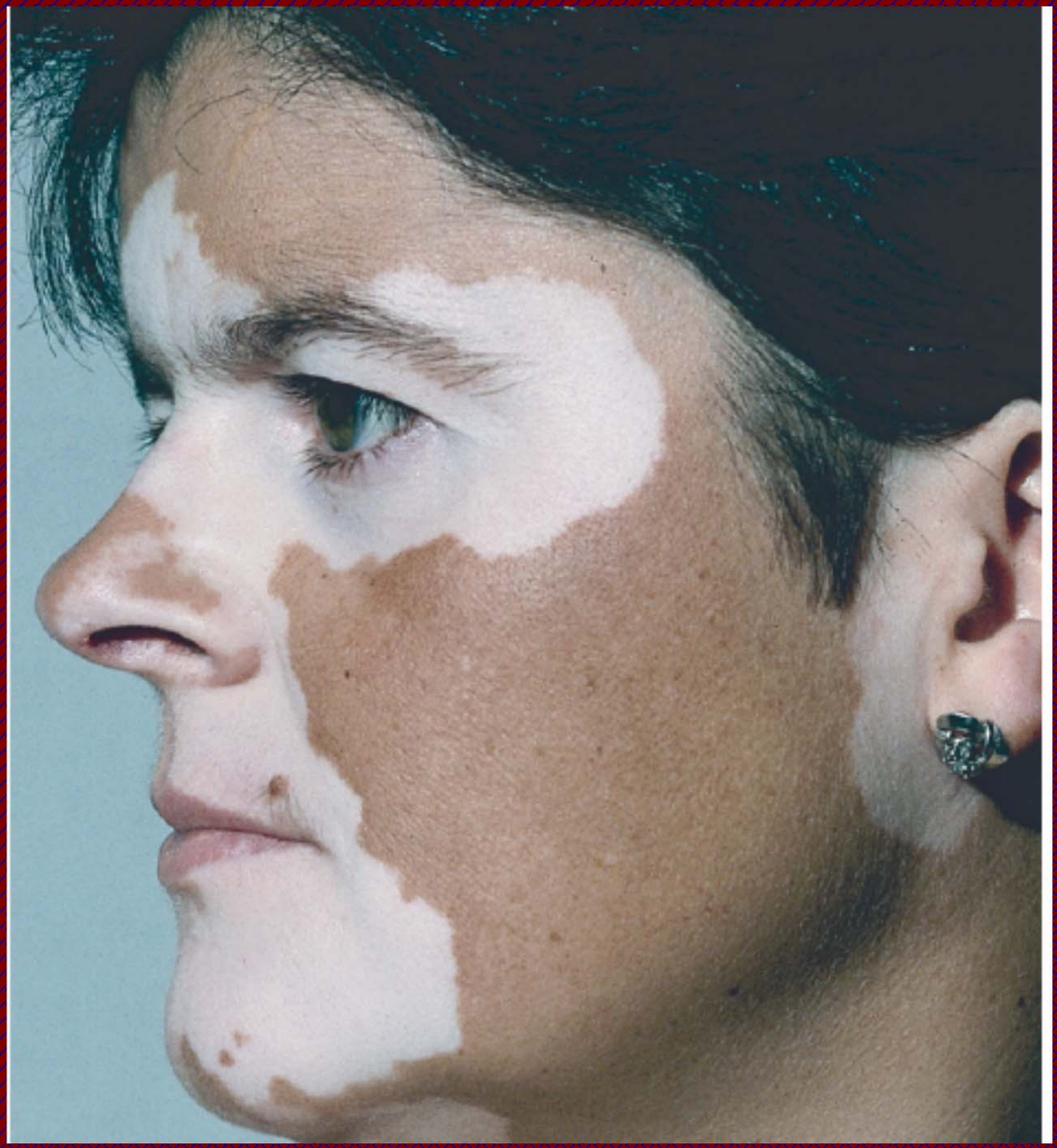
Hypopigmentation

- Leprosy
- P. versicolor

Pigmentary changes

Depigmentation

Vitiligo



Pigmentary changes

Brownish Melasma

Pigmentary changes

Greyish blue
- lichen planus

Pigmentary changes

Dyschromicus perstans

Discoloration

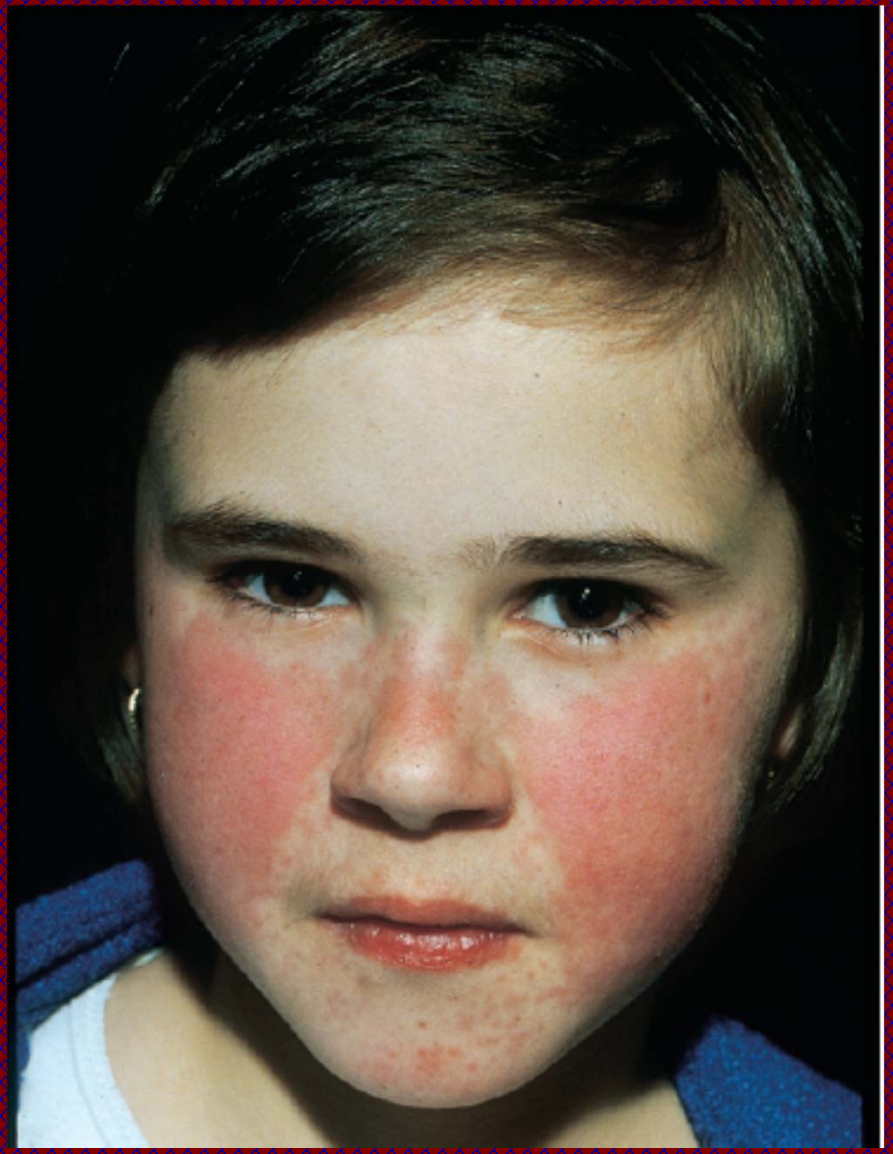
Cyanosis

Discoloration

Jaundice

Discoloration

Erythema



Discoloration

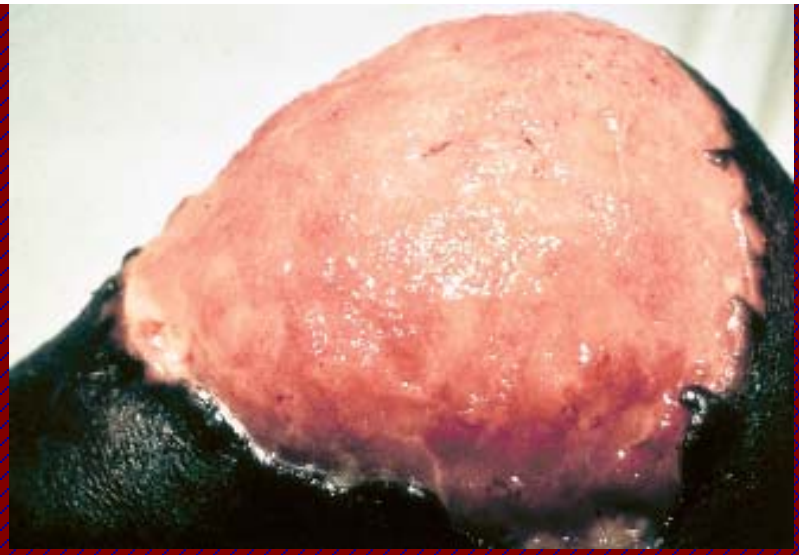
Pallor

Pain or Discomfort

Herpes Zoster

Pain or Discomfort

Ulcer



Pain or Discomfort

Burns

Loss of sensation

Trophic ulcer

Loss of sensation

Deformities

Complaints pertaining to hair

Alopecia (Loss of Hair)

Patchy- Alopecia Areata

Alopecia Universalis

Diffuse Alopecia

Androgenetic Alopecia

Diffuse Alopecia

Systemic Disease

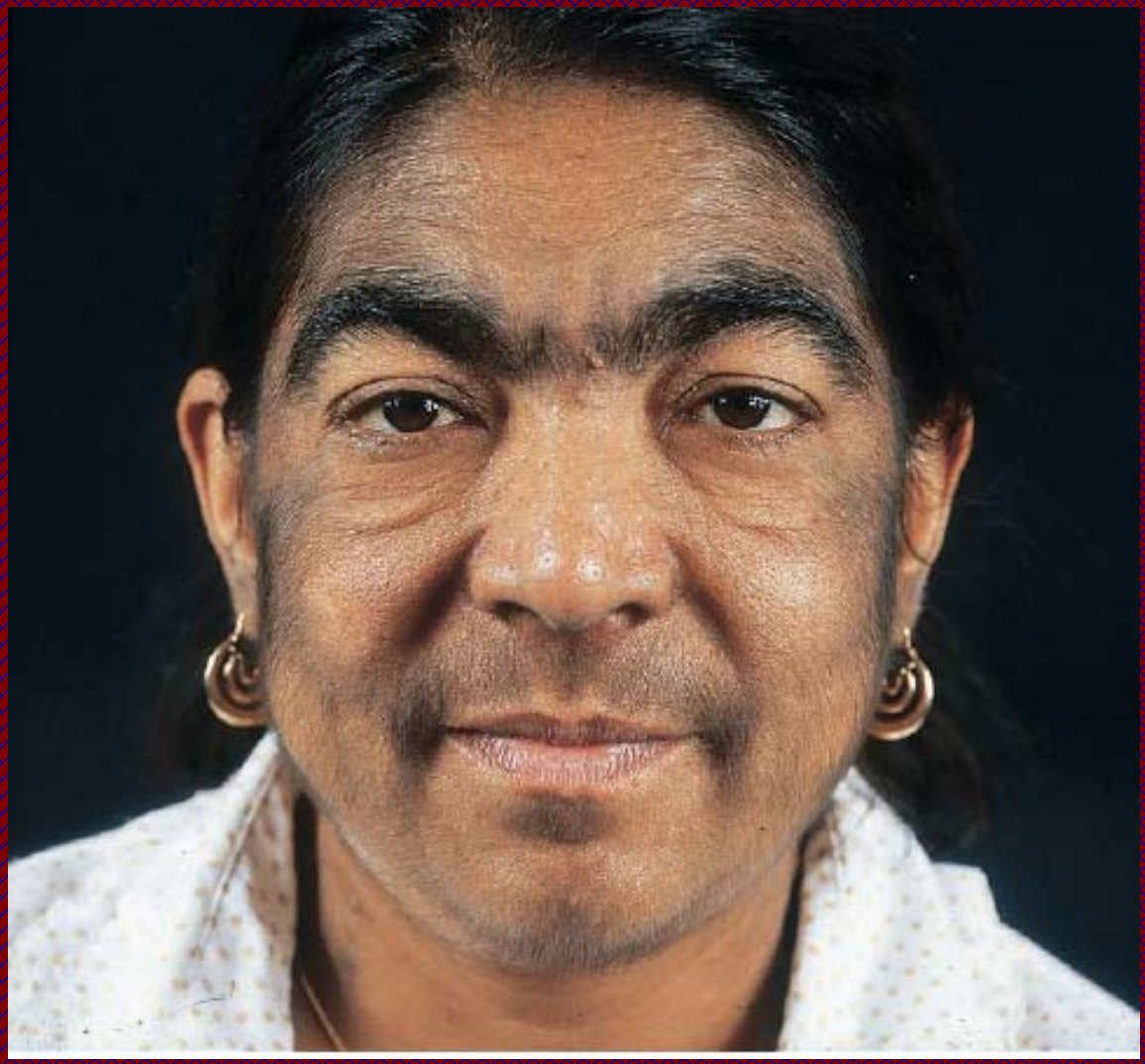
Scarring Alopecia

Lichen planus

DLE

Hypertrichosis

Excessive hair



Hirsuitism

Excessive hairs in mal

pattern distribution

-Porphyrias

-Drugs

Discolouration of hair

Premature Greying (Canites)

Leukotrichia

Nail Changes

Discolouration of nail plate

-Psoriasis

-Onychomycosis

Nail Changes

Destruction of nail plate

Psoriasis

Nail Changes

Paronychia

Inflammation of nail folds

Nail Changes

Clubbing

HYPERKERATOSIS

Thick St. corneum (Hardening)

PARAKERATOSIS

Nucleated cells in St. corneum (scaling)

ACANTHOSIS

Thickness of epidermis

ACANTHOLYSIS

Separation of Keratinocytes

Clinical examination

History

- Present
- Past
- Family history
- SE status

General Physical Examination

Systemic Examination

As in Internal Medicine

Cutaneous Examination

Examination of

- -Hair
- -Nail
- -Mucosae- Nasal, oral
  conjunctival, genital, anal
- -Palms & soles
- -Scalp
- -Flexures

CUTANEOUS EXAMINATION

Inspection

Palpation

} Mainly

Visible skin lesion

Macule : Circumscribed

change in skin colour without

change in texture or palpable

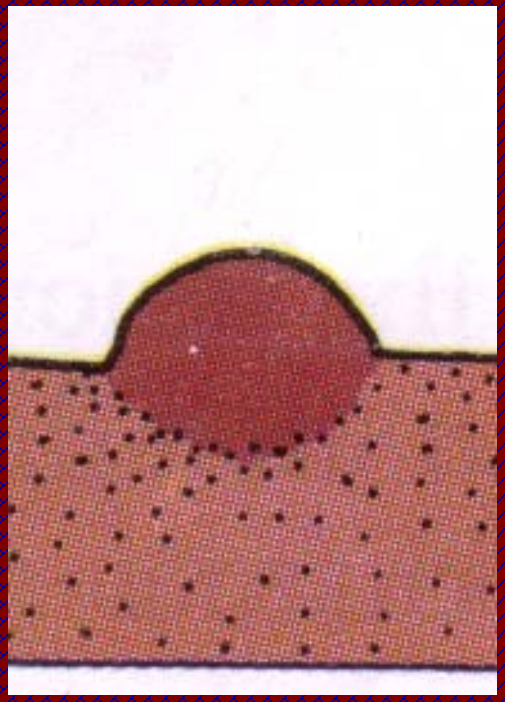
thickening(<0.5cm)

PATCH

>0.5cm dia.

Papule

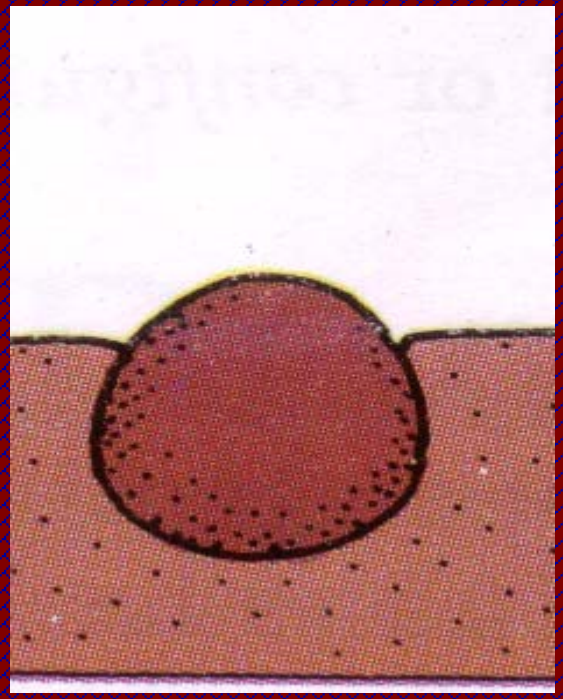
Circumscribed palpable elevation upto 0.5cm dia



Nodule

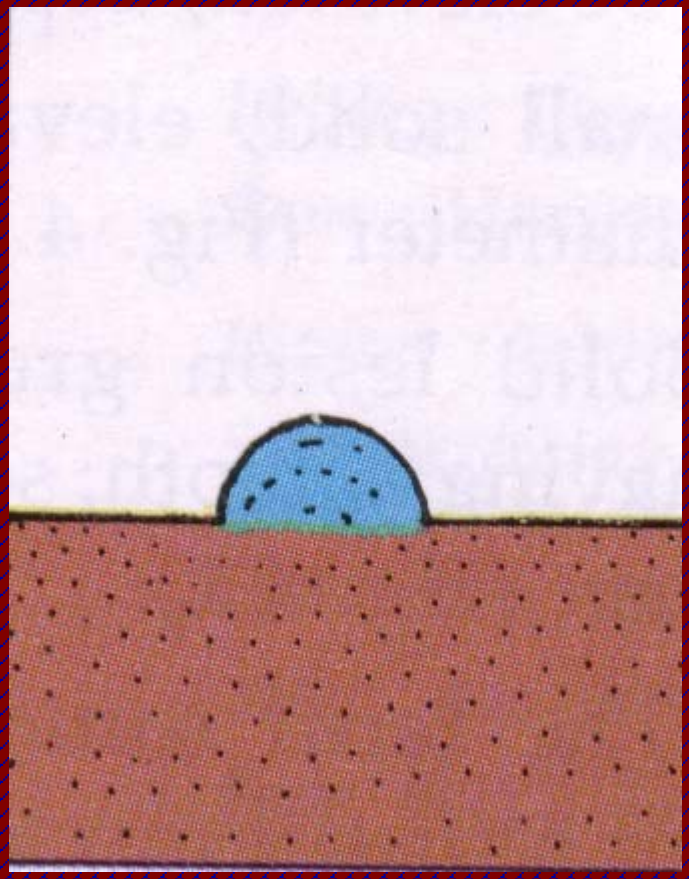
>0.5cm diameter

More felt than seen



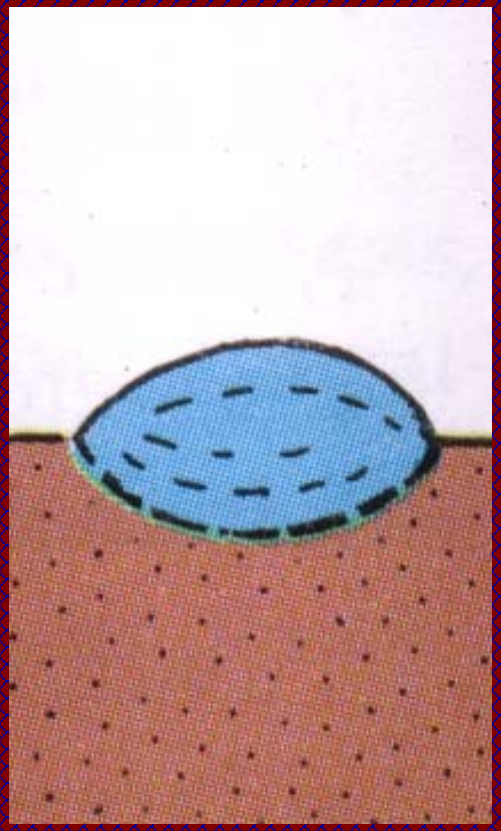
Vesicle

Visible accumulation of fluid upto 0.5cm dia



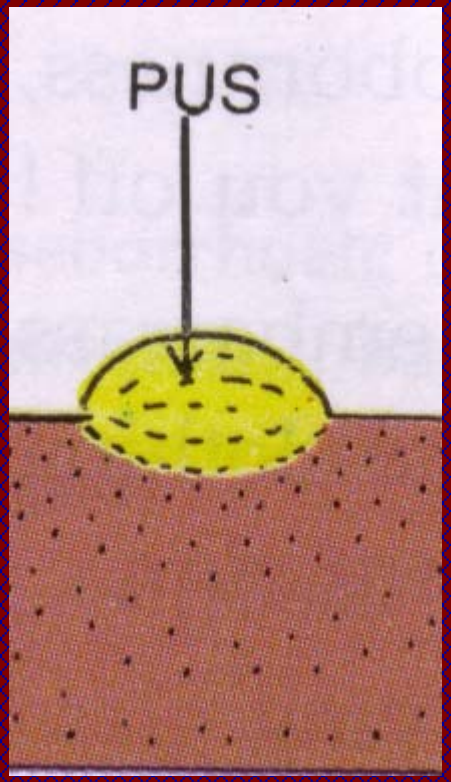
Bulla

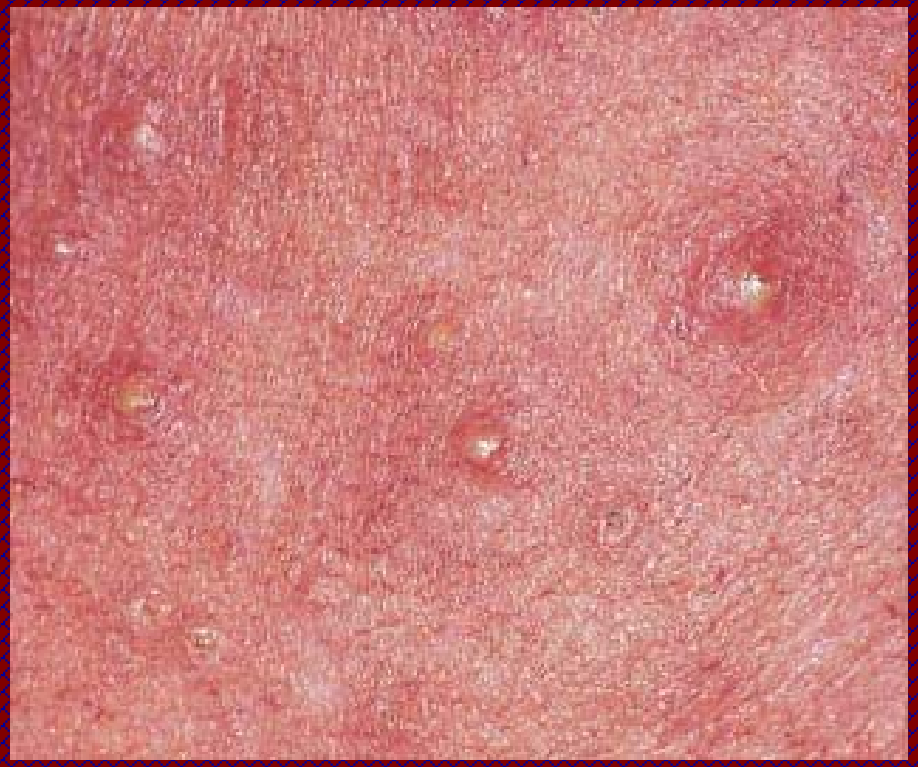
>0.5cm dia.



Pustule

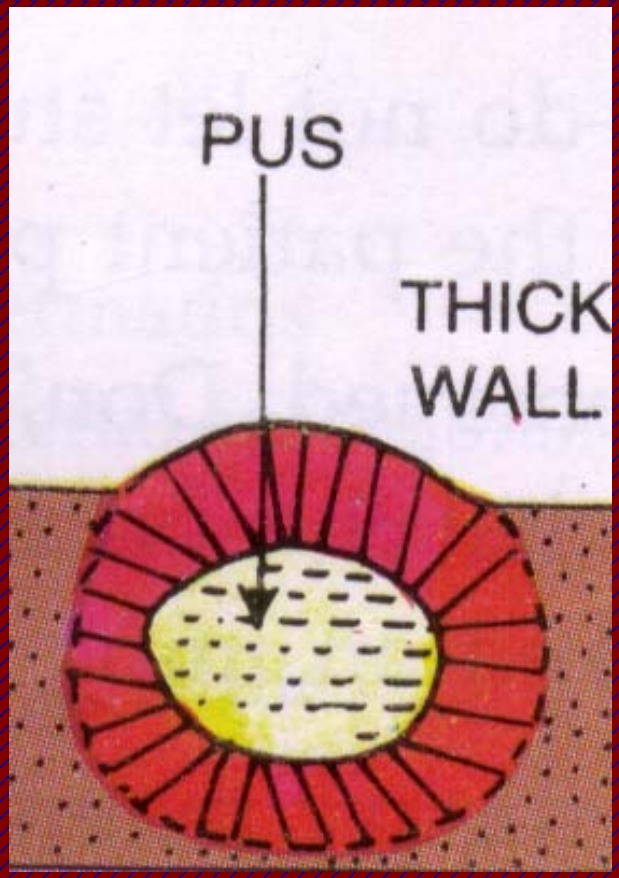
Pus filled lesion upto 0.5cm





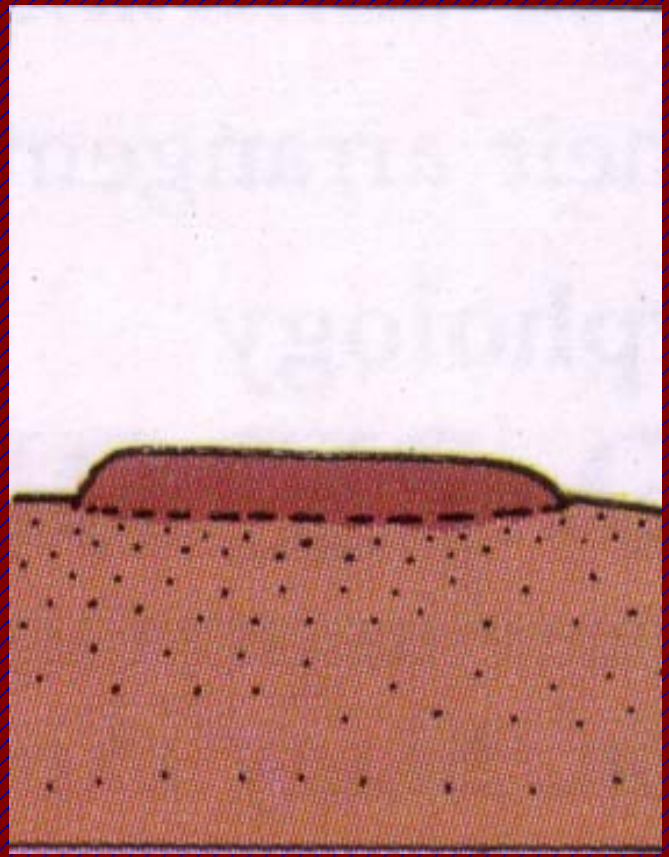
Abcess

>0.5cm dia. deeper



Plaque

Disc shaped lesion >0.5cm dia



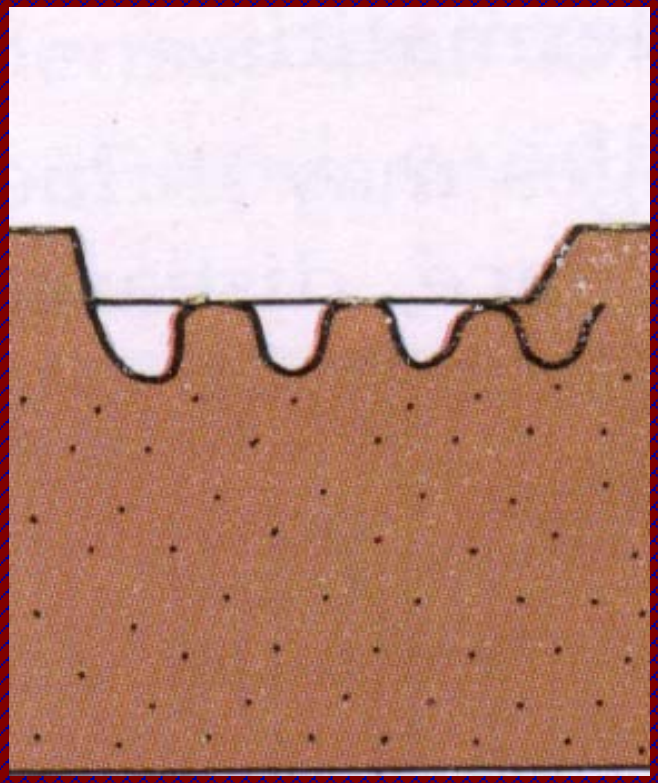
Weal

Dermal /hypodermal edema ,compressible, Pitted,Evanescent urticaria

Erosion

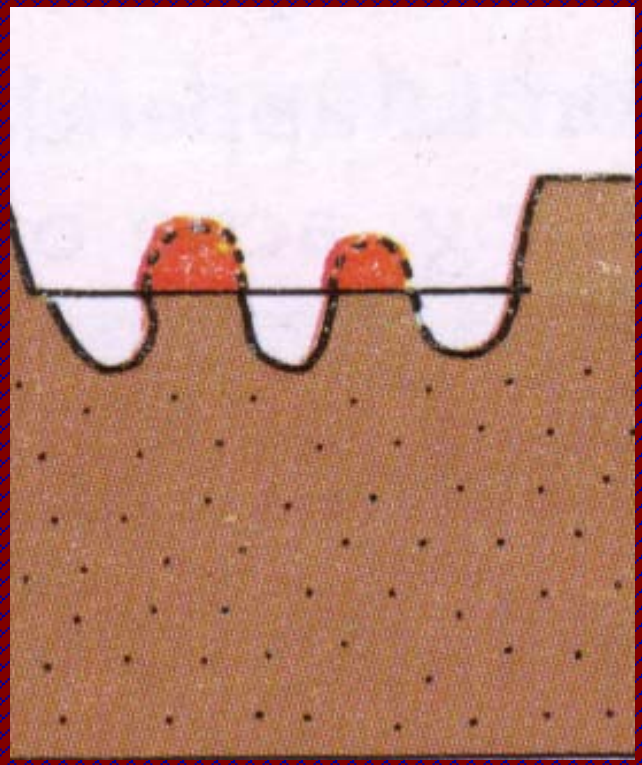
Loss of epidermis/epithileum

Abrasion/Excoriation



Ulcer

circumscribed full thickness loss of tissue



Scale

Visible accumulation of keratin/st. corneum

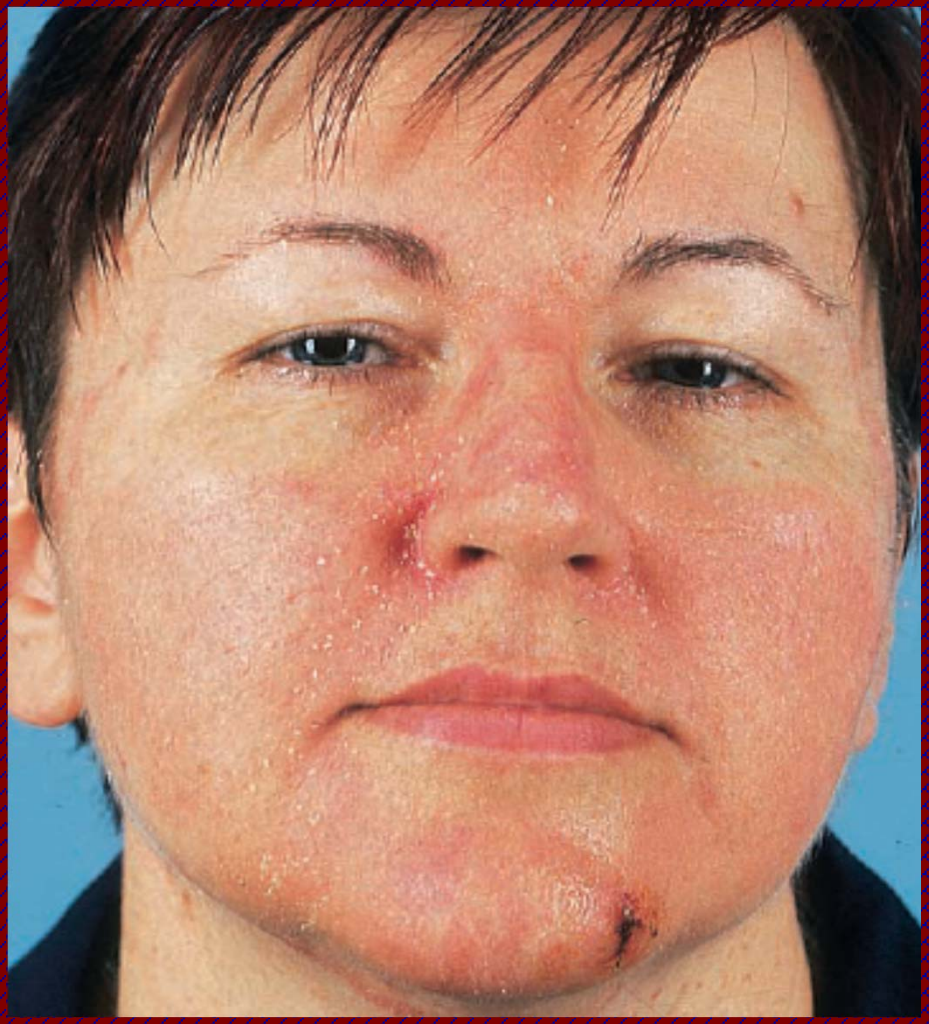
-Adherent

-Greasy

-Silvery

-Non-adherent

-Dry



Crust

Dried serum/exudates/cell debris